

## Protein Expression by E.Coli

E.Coli transfection is conducted, and targeted proteins are prepared and purified.

Amino acid substitution, defective mutant, etc are acceptable to establish the expressing vector for recombinant protein.

### Product Lineup

	Price	Delivery
Establishment of the vector ~Large-Amount Culture (3L)•Purification Set *1	¥490,000/ Sample	> 4 months
Constraction of the Vector *2	¥80,000~/ Sample	> 2 weeks
Expression Analysis *3	¥80,000/ Sample	> 2 weeks
Small-Amount Culture (100mL)•Purification Review *4	¥150,000/ Sample	> 1 month
Large-Amount Culture (3L)•Purification *5	¥250,000/ Sample	> 2 months

\*1 The price for the set is applied only to subcloning by PCR or restriction enzymes.

\*2 The vector to add His-Tag or GST-Tag is used. Any other tag is acceptable. Please ask.

The price and delivery date to construct the Expressing vector depends on the operation. Please refer to “subcloning” and/or “cDNA cloning.”

\*3 SDS-PAGE is used to check the expression after 4mL small-amount culture and IPTG expression induction.

\*4 The review may cause no acceptability for the large-amount culture and purification afterwards.

\*5 Affinity purification is used. Dialysis and/or gel filtration are acceptable (resulting in additional fees). The condition for the expression should be provided in advance in the case of the order only of large-amount culture and purification.

### Delivery Product

- Purified Protein
- Data of Expression Analysis
- Operation Report

### Information

- The yield depends on the expressed protein.
- The actual fee is payable in the unavoidable termination after the discussion with the customers
- The delivery date depends on the operation.
- The freight of the sample to BEX is payable.

### Flow to Order

### Flow of Operation

#### 1,Establish the Vector

Preparation of the targeted gene from your vector and/or PCR production. Check of insertion sequence

#### 2,Expression Analysis

Transformation of the expression vector to E.Coli BL21(DE3)pLysS  
SDS-PAGE check after expression induction.

#### 3,Small-Amount Culture•Purification Review

Yield and purity check after expression and purification (100mL)

#### 4,Large-Amount Culture•Purification

Large-amount culture under the condition decided above.  
Purification by Tag-specific affinity columns

I. Please send your requests to us.

Please email or send the order form downloaded from BEX web page  
E-mail : info@bexnet.co.jp FAX : +81-3-5375-5636

II. Please send the sample and order form to us.

•Vector 2  $\mu$ g (> 100ng/  $\mu$ l) / cDNA (> 1  $\mu$ g) / Cell ( $5 \times 10^6$  cells) / Tissue (about 10mg) / Total RNA (> 10  $\mu$ g) / etc. **Frozen**  
•Order Form

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